

IN THE CLAIMS:

Please amend the claims as follows:

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1. (withdrawn) A method for providing information for a user interface having included therein a plurality of regions, the method comprising:
defining a plurality of slice locations for a guide region of the user interface, wherein each slice location corresponds to a respective area and location in the guide region;
associating a plurality of guide slices for each of at least one slice location in the guide region;
encoding one or more guide slices for each slice location in the guide region; and
transmitting one or more encoded guide slices for each slice location in the guide region.
2. (withdrawn) The method of claim 1, further comprising:
associating one guide slice for each slice location in the guide region not associated with a plurality of guide slices.
3. (withdrawn) The method of claim 1, wherein a plurality of sets of guide slices are transmitted for the plurality of slice locations in the guide region.
4. (withdrawn) The method of claim 3, wherein the plurality of sets of guide slices are transmitted via time division multiplexing.
5. (withdrawn) The method of claim 3, wherein one set of guide slices is transmitted for each group of pictures (GOP).
- 6 (withdrawn) The method of claim 3, further comprising:
time-stamping each set of guide slices for presentation at a designated time.

7. (withdrawn) The method of claim 3, wherein at least one set of guide slices comprises a partial set of guide slices in the guide region.
8. (withdrawn) The method of claim 3, wherein the plurality of sets of guide slices are transmitted with a common packet identifier (PID).
9. (withdrawn) The method of claim 3, wherein each of the plurality of sets of guide slices is transmitted with a respective packet identifier (PID).
10. (withdrawn) The method of claim 1, wherein the transmitting includes continually transmitting a first set of guide slices for the plurality of slice locations in the guide region.
11. (withdrawn) The method of claim 10, wherein the transmitting further includes transmitting one or more additional guide slices at a designated time.
12. (withdrawn) The method of claim 11, wherein the one or more additional guide slices are transmitted in response to a received request for the additional guide slices.
13. (withdrawn) The method of claim 1, wherein the guide slices transmitted for the guide region are intra-coded.
14. (withdrawn) The method of claim 1, wherein each transmitted guide slice includes a header indicative of a start location and a stop location for the guide slice.
15. (withdrawn) The method of claim 1, wherein each transmitted guide slice includes a guide listing for a particular channel in the user interface.
16. (withdrawn) A method for providing information for a user interface, comprising:

defining a plurality of slice locations for at least a portion of the user interface, wherein each slice location corresponds to a respective area and location in the user interface;

associating a plurality of slices for each of at least one slice location in the user interface;

encoding one or more slices for each slice location in the user interface; and

transmitting one or more encoded slices for each slice location in the user interface.

17. (withdrawn) The method of claim 16, wherein the one or more encoded slices for each slice location includes guide data for an interactive program guide.

18. (currently amended) A method for providing a user interface having included therein a plurality of regions, the method comprising:

receiving a bitstream comprising packets for a plurality of slices for a guide region of the user interface, wherein the guide region includes a plurality of slice locations, wherein each slice is designated for presentation at a particular slice location in the guide region, wherein multiple slices are received for each of at least one slice location in the guide region, wherein the slices are received as a plurality of sets of slices, wherein at least one of the sets of slices includes a plurality of slices associated with the respective plurality of slice locations in the guide region, wherein multiple slices for each of the at least one slice location are received in different ones of the sets of slices;

retrieving from the bitstream packets for a first one of the sets of slices for the guide region;

decoding the retrieved packets for the first one of the sets of slices to form the guide region of the user interface;

retrieving from the bitstream packets for a second one of the sets of slices for the guide region; and

decoding the retrieved packets for the second one of the sets of slices to update at least one of the slice locations of the guide region of the user interface.

19. (previously presented) The method of claim 18, further comprising:
presenting the plurality of sets of slices in the guide region at times designated by
a respective plurality of headers associated with the slices.
20. (original) The method of claim 18, wherein the plurality of sets of slices are
presented in the user interface via time division multiplexing.
21. (original) The method of claim 18, further comprising:
receiving a user selection for a particular slice location of the guide region;
retrieving from the bitstream packets for an additional slice associated with the
selected slice location; and
decoding the retrieved packets for the additional slice to form an updated user
interface having included therein the additional slice.
22. (cancelled)
23. (previously presented) The method of claim 19, wherein the header for each
slice is a slice start code defined by MPEG-2 standard.
24. (previously presented) The method of claim 19, wherein each decoded slice is
presented at a location identified by the header.
25. (cancelled)
26. (original) The method of claim 18, further comprising:
recombining the slices for the guide region with slices for at least one additional
region in the user interface.
27. (original) The method of claim 26, wherein the recombining is performed in
accordance with a splicing syntax defined by MPEG-2 standard.

28. (currently amended) A method for providing a user interface, comprising:
receiving a bitstream comprising packets for a plurality of slices for the user interface, wherein the guide region includes a plurality of slice locations, wherein each slice is designated for presentation at a particular slice location in the user interface, wherein multiple slices are received for each of at least one slice location in the user interface, wherein the slices are received as a plurality of sets of slices, wherein at least one of the sets of slices includes a plurality of slices associated with the respective plurality of slice locations in the guide region, wherein multiple slices for each of the at least one slice location are received in different ones of the sets of slices;

retrieving from the bitstream packets for a first one of the sets of slices for the user interface;

decoding the retrieved packets for the first one of the sets of slices to form the user interface, the user interface presenting slices from the first one of the sets of slices at respective slice locations of the user interface;

retrieving from the bitstream packets for a second one of the sets of slices for the user interface; and

decoding the retrieved packets for the second one of the sets of slices to update the user interface, the updated user interface presenting at least one slice from the second one of the sets of slices at respective at least one slice location of the user interface.

29. (original) The method of claim 28, wherein the one or more encoded slices for each slice location includes guide data for an interactive program guide.

30. (withdrawn) A terminal configured to provide a user interface having includes therein a plurality of regions, comprising:

a demodulator operative to receive and demodulate a modulated signal to provide a transport stream;

a transport de-multiplexer coupled to the demodulator and operative to receive and process the transport stream to provide a sequence of packets for a plurality of

slices for a guide region of the user interface, wherein each slice is designated for presentation at a particular slice location in the guide region, and wherein multiple slices are transmitted for each of at least one slice location in the guide region; and

at least one video decoder coupled to the transport de-multiplexer and operative to receive and decode the sequence of packets to form the guide region of the user interface.

31. (withdrawn) The terminal of claim 30, further comprising:

a controller operative to receive a user selection for a particular slice location in the guide region and to direct the transport de-multiplexer to retrieve, from the transport stream, packets for an additional slice associated with the selected slice location, and

wherein the at least one video decoder is further operative to decode the retrieved packets for the additional slice to form an updated user interface having included therein the additional slice.